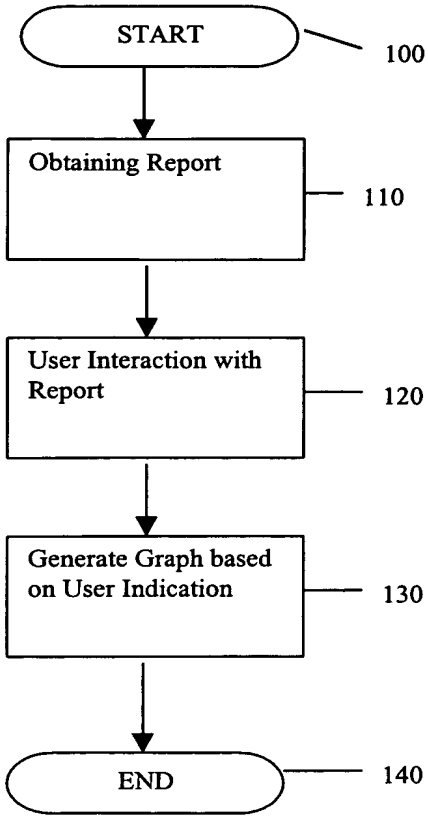

START
100
Obtaining Report
110
User Interaction with Report
120
Generate Graph based on User Indication
130
END
140

FIGURE 1

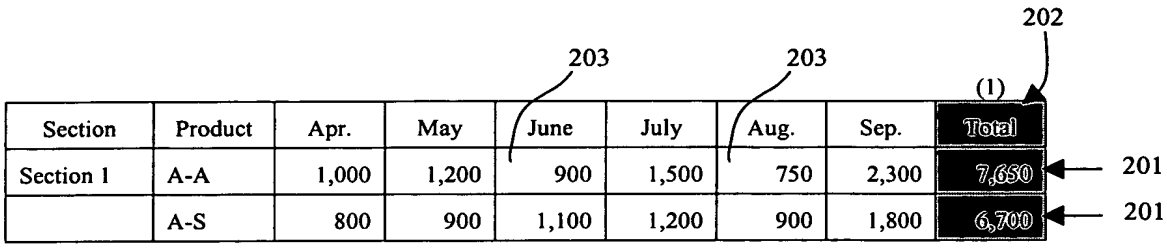
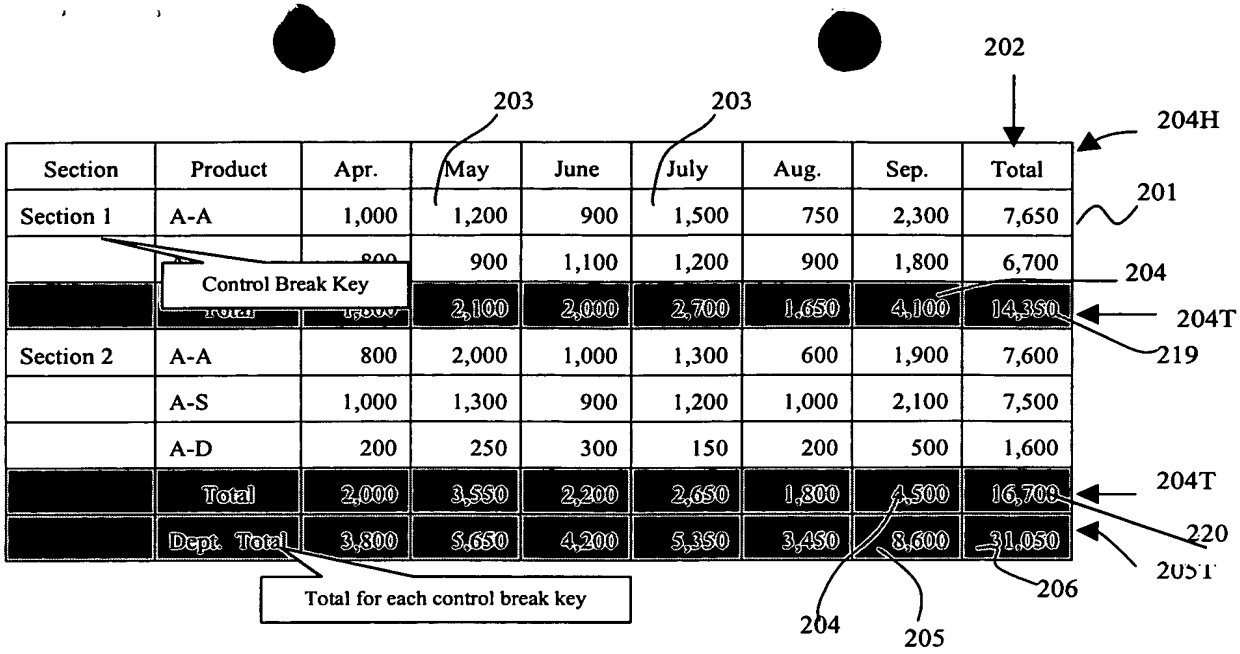

202
203
203
(1)
Section
Product
Apr.
May
June
July
Aug.
Sep.
Total
Section 1
A-A
1,000
1,200
900
1,500
750
2,300
7,650
201
A-S
800
900
1,100
1,200
900
1,800
6,700
201

FIGURE 2A



Section	Product	Apr.	May	June	July	Aug.	Sep.	Total
Section 1	A-A	1,000	1,200	900	1,500	750	2,300	7,650
		800	900	1,100	1,200	900	1,800	6,700
	Total	1,800	2,100	2,000	2,700	1,650	4,100	14,350
Section 2	A-A	800	2,000	1,000	1,300	600	1,900	7,600
	A-S	1,000	1,300	900	1,200	1,000	2,100	7,500
	A-D	200	250	300	150	200	500	1,600
	Total	2,000	3,550	2,200	2,650	1,800	4,500	16,700
	Dept. Total	3,800	5,650	4,200	5,350	3,450	8,600	31,050

FIGURE 2B

Patent Application Publication

Format 1: One Record being formatted over multiple lines

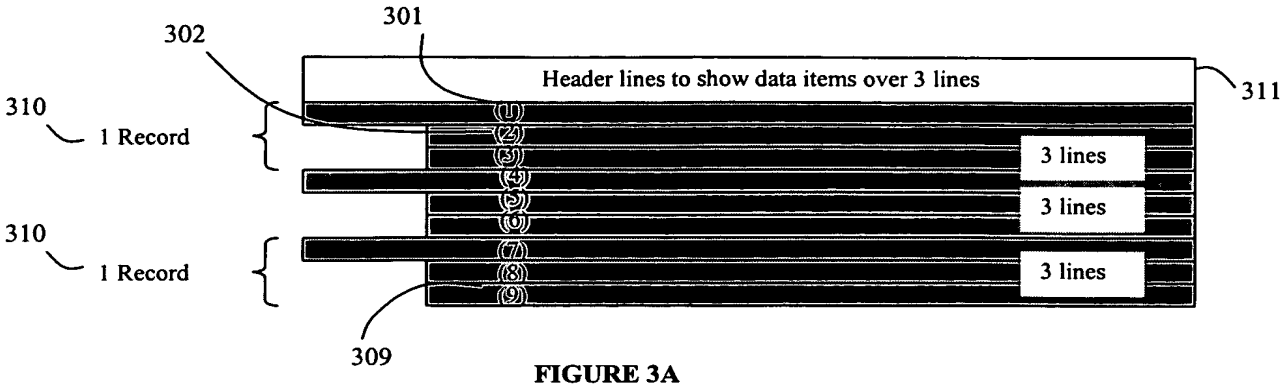


FIGURE 3A

- Format 2: One data record being formatted over multiple lines, with a combination of header and Detail lines

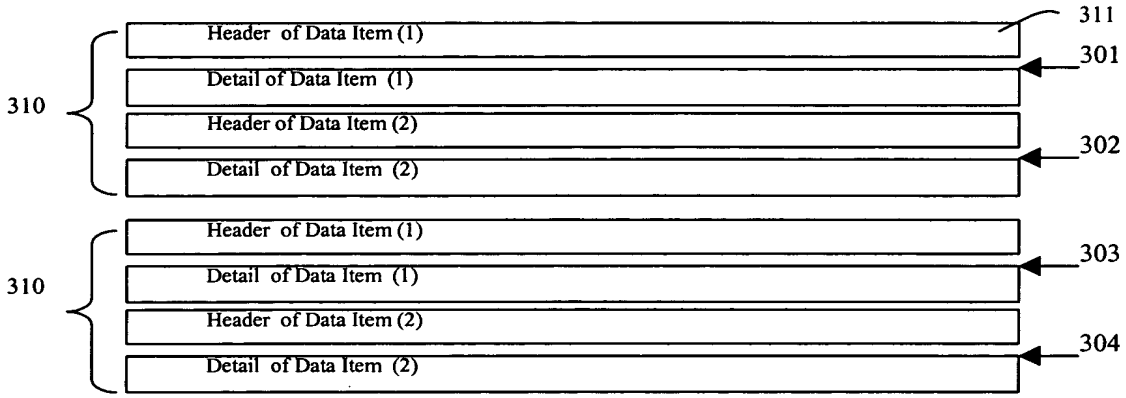


FIGURE 3B

Format 3: One data record being formatted vertically over multiple lines, like a Balance Sheet

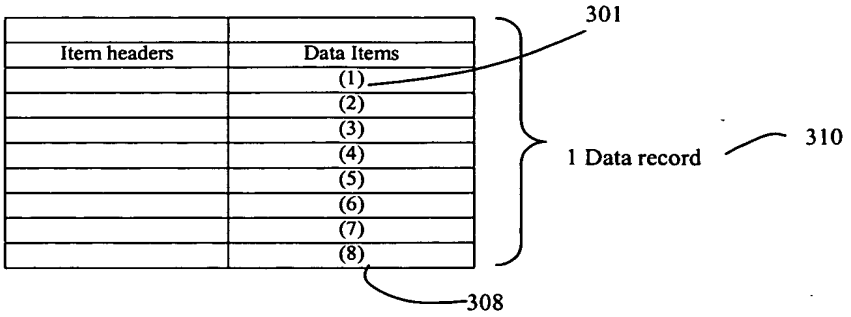


FIGURE 3C

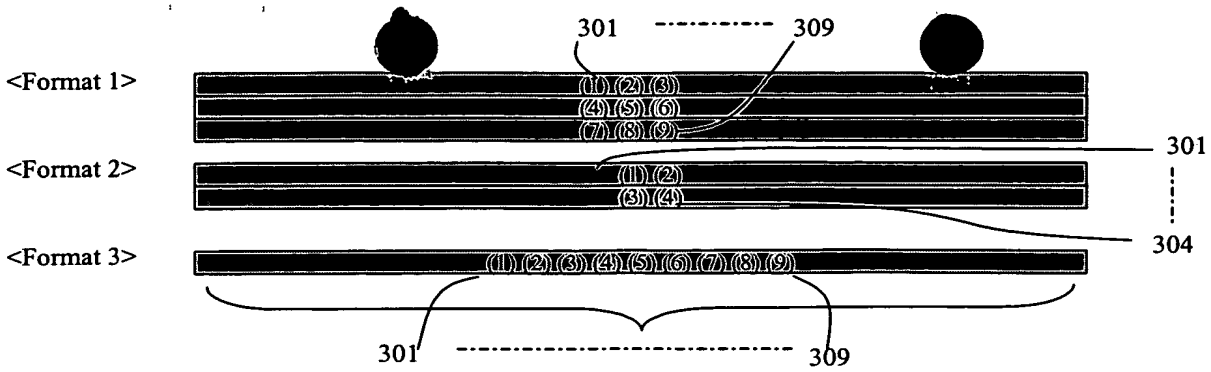


Figure 3D

Exhibit 1006 - Page 50 of 60

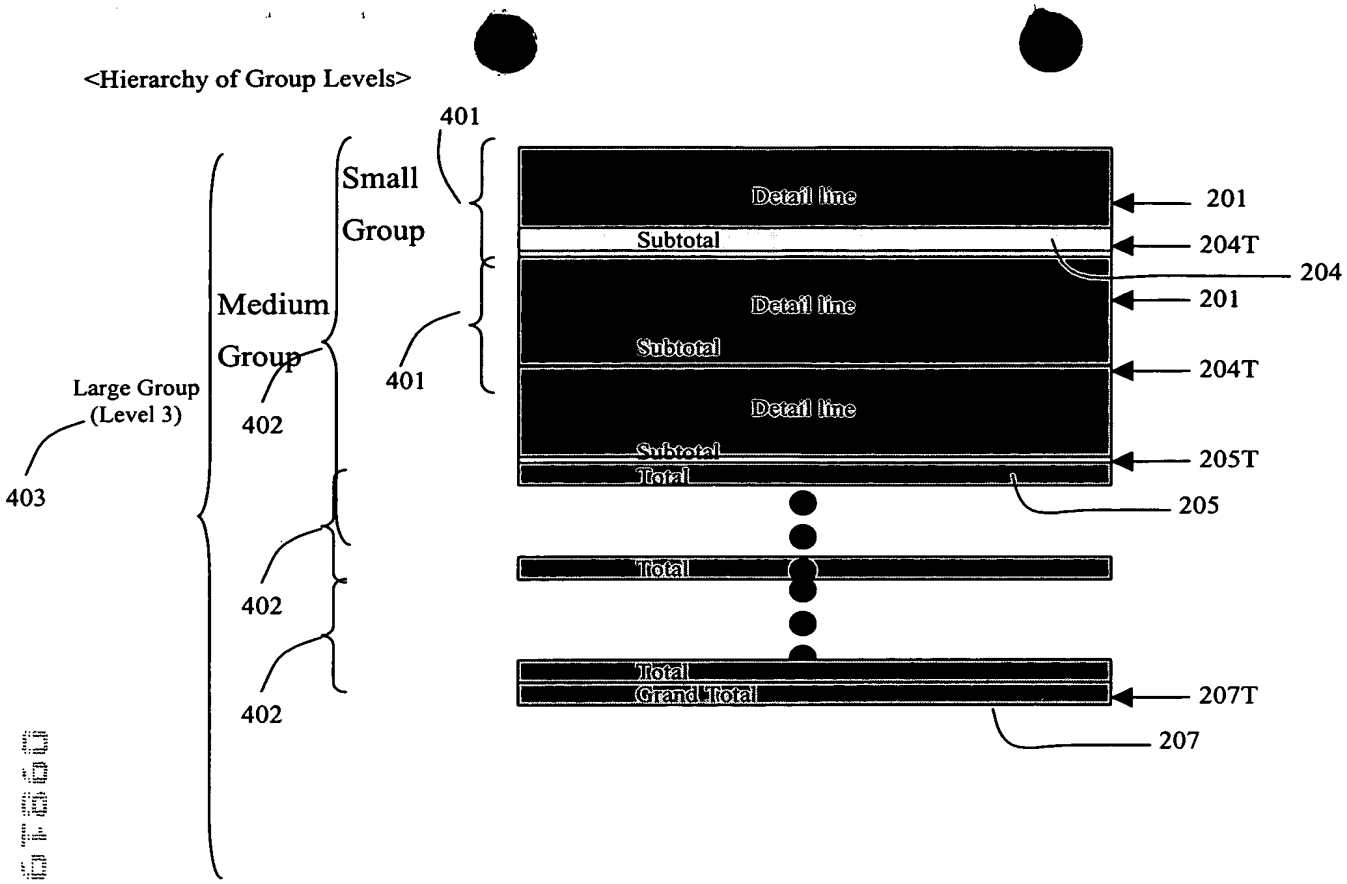

<Hierarchy of Group Levels>
401
Small Group
Medium Group
Large Group (Level 3)
403
402
402
402
401
Detail line
Subtotal
Detail line
Subtotal
Detail line
Subtotal
Total
Total
Total
Grand Total
201
204T
204
201
204T
205T
205
207T
207

Figure 4

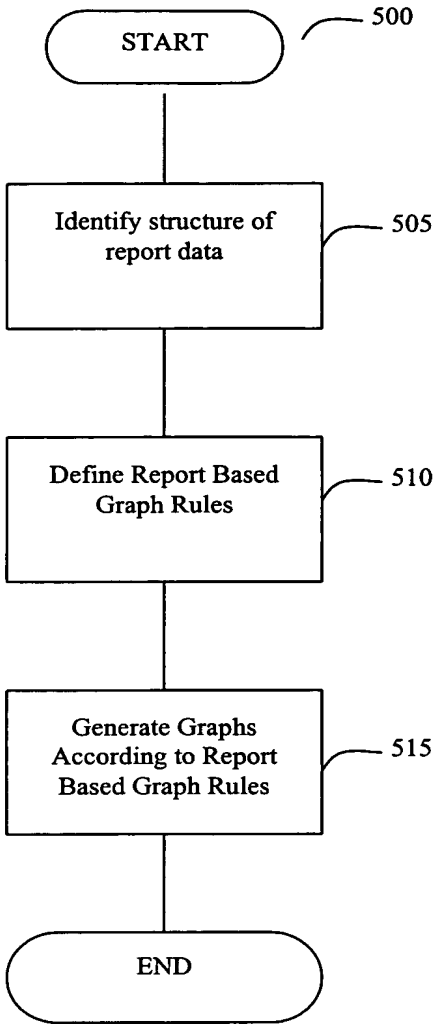

START
500
Identify structure of report data
505
Define Report Based Graph Rules
510
Generate Graphs According to Report Based Graph Rules
515
END

FIG. 5

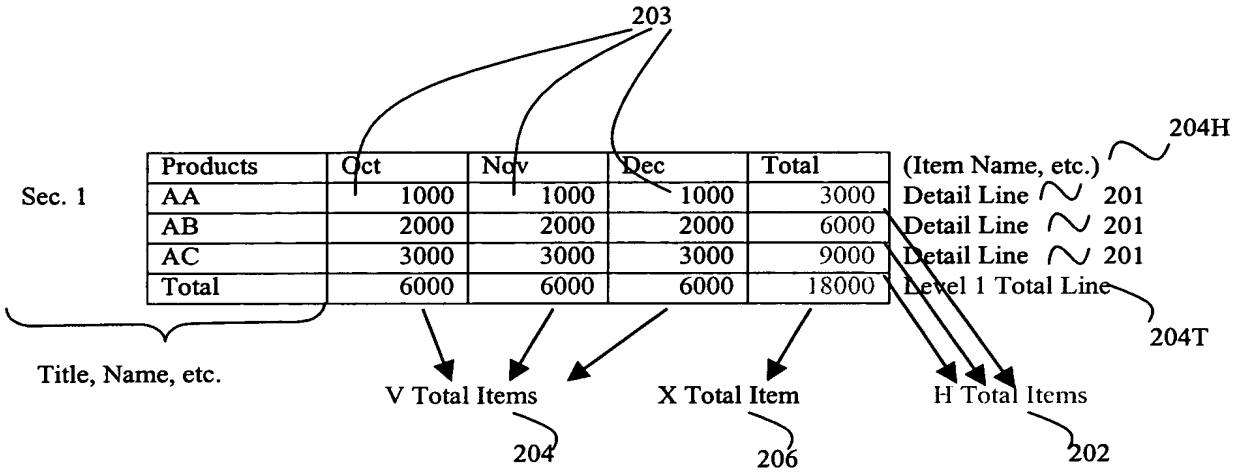
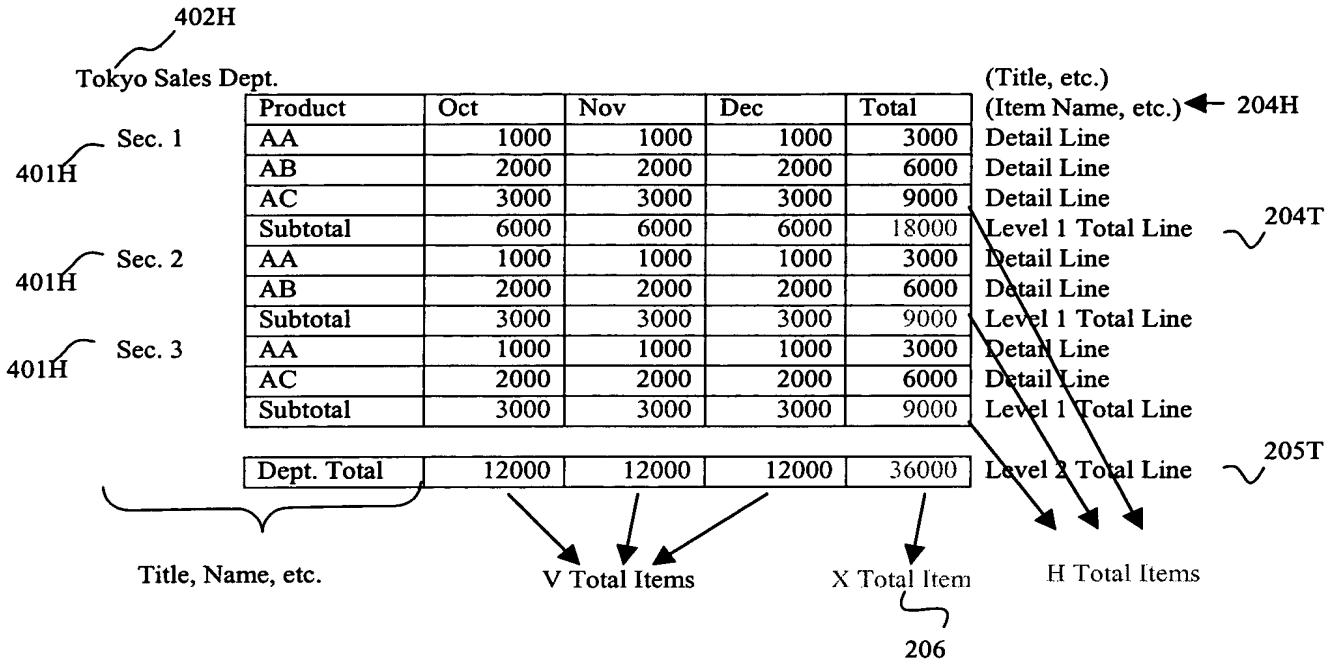

203
204H
Products
Oct
Nov
Dec
Total
(Item Name, etc.)
Sec. 1
AA
1000
1000
1000
3000
Detail Line
201
AB
2000
2000
2000
6000
Detail Line
201
AC
3000
3000
3000
9000
Detail Line
201
Total
6000
6000
6000
18000
Level 1 Total Line
204T
Title, Name, etc.
V Total Items
X Total Item
H Total Items
204
206
202

FIG. 6



Product	Oct	Nov	Dec	Total	
AA	1000	1000	1000	3000	Detail Line
AB	2000	2000	2000	6000	Detail Line
AC	3000	3000	3000	9000	Detail Line
Subtotal	6000	6000	6000	18000	Level 1 Total Line
AA	1000	1000	1000	3000	Detail Line
AB	2000	2000	2000	6000	Detail Line
Subtotal	3000	3000	3000	9000	Level 1 Total Line
AA	1000	1000	1000	3000	Detail Line
AC	2000	2000	2000	6000	Detail Line
Subtotal	3000	3000	3000	9000	Level 1 Total Line
Dept. Total	12000	12000	12000	36000	Level 2 Total Line

FIG. 7

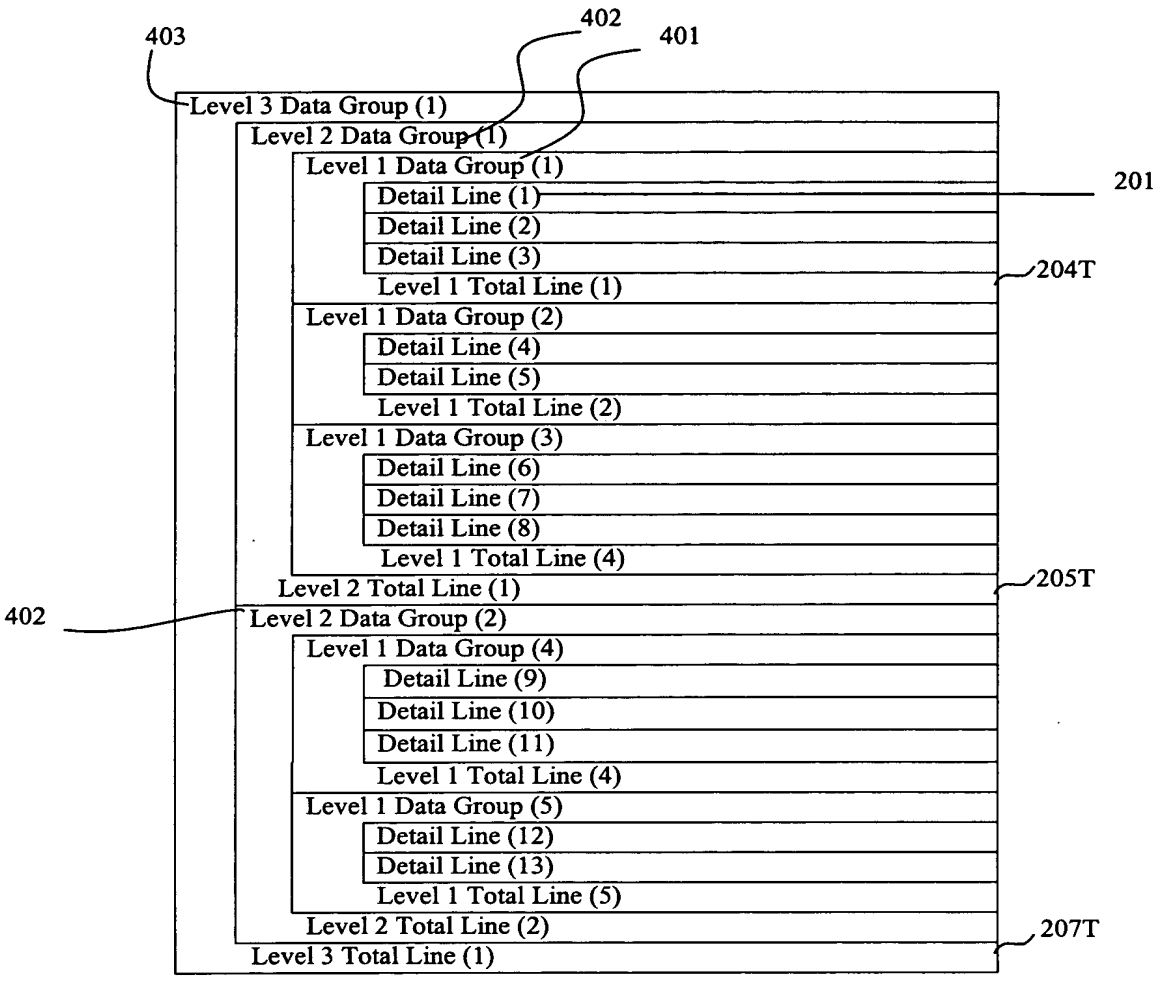
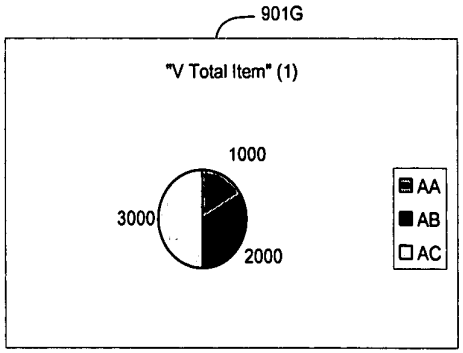

403
402
401
Level 3 Data Group (1)
Level 2 Data Group (1)
Level 1 Data Group (1)
Detail Line (1)
Detail Line (2)
Detail Line (3)
Level 1 Total Line (1)
Level 1 Data Group (2)
Detail Line (4)
Detail Line (5)
Level 1 Total Line (2)
Level 1 Data Group (3)
Detail Line (6)
Detail Line (7)
Detail Line (8)
Level 1 Total Line (4)
Level 2 Total Line (1)
402
Level 2 Data Group (2)
Level 1 Data Group (4)
Detail Line (9)
Detail Line (10)
Detail Line (11)
Level 1 Total Line (4)
Level 1 Data Group (5)
Detail Line (12)
Detail Line (13)
Level 1 Total Line (5)
Level 2 Total Line (2)
Level 3 Total Line (1)
201
204T
205T
207T

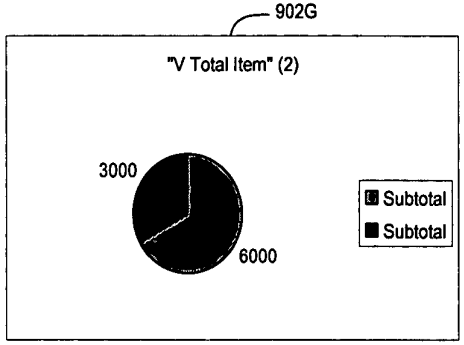
FIG. 8

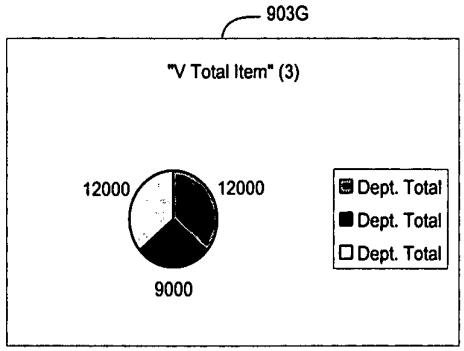
Example of Report A

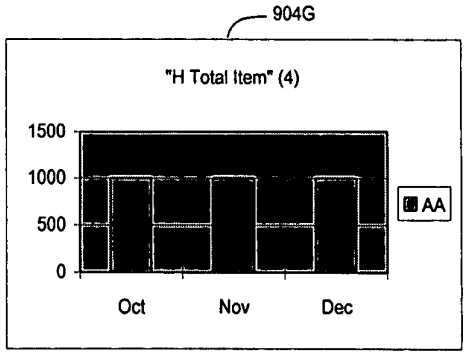
row nbr.						
1	Tokyo Sales Dept.					
2		Product	Oct	Nov	Dec	Total
3	Sec. 1	AA	1000	1000	1000	3000
4		AB	2000	2000	2000	6000
5		AC	3000	3000	3000	9000
6		Subtotal	6000	6000	6000	18000
7	Sec. 2	AA	1000	1000	1000	3000
8		AB	2000	2000	2000	6000
9		Subtotal	3000	3000	3000	9000
10	Sec. 3	AA	1000	1000	1000	3000
11		AC	2000	2000	2000	6000
12		Subtotal	3000	3000	3000	9000
13						
14		Dept. Total	12000	12000	12000	36000
15						
16	Yokohama Sales Dept.					
17		Product	Oct	Nov	Dec	Total
18	Sec. 1	AA	1000	1000	1000	3000
19		AB	2000	2000	2000	6000
20		AC	3000	3000	3000	9000
21		Subtotal	6000	6000	6000	18000
22	Sec. 2	AA	1000	1000	1000	3000
23		AD	2000	2000	2000	6000
24		Subtotal	3000	3000	3000	9000
25						
26		Dept. Total	9000	9000	9000	27000
27						
28	Osaka Sales Dept.					
29		Product	Oct	Nov	Dec	Total
30	Sec. 1	AA	1000	1000	1000	3000
31		AB	2000	2000	2000	6000
32		AD	3000	3000	3000	9000
33		Subtotal	6000	6000	6000	18000
34	Sec. 2	AA	2000	2000	2000	6000
35		AC	4000	4000	4000	12000
36		Subtotal	6000	6000	6000	18000
37						
38		Dept. Total	12000	12000	12000	36000
39						
40	Corporate Total		33000	33000	33000	99000

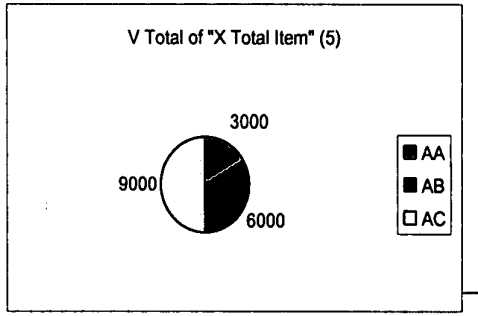
901 904 905

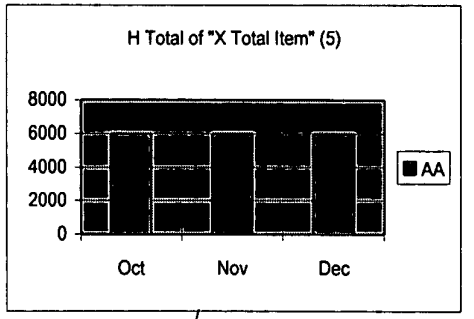












905GH

905GV

Blue color items are "V Total Items"
Red color items are "H Total Items"
Green color items are "X Total Items"

902

903

428629V2

FIG. 9

Example of Report B

row nbr.

1010

1				
2	Sales (Oct 2000)			
3				
4	Tokyo Sales Dept.			
5		Product	Qty.	Amt. ($)
6	Sec. 1	AA	1000	10000
7		AB	2000	25000
8		AC	1500	30000
9		Subtotal		65000
10	Sec. 2	AA	500	12000
11		AB	800	24000
12		Subtotal		36000
13	Sec. 3	AA	1100	30000
14		AC	2000	40000
15		Subtotal		70000
16				
17		Dept. Total	(1)	171000
18				
19	Yokohama Sales Dept.			
20		Product	Qty.	Amt. ($)
21	Sec. 1	AA	1500	10000
22		AB	1000	30000
23		Subtotal		40000
24	Sec. 2	AA	1000	8000
25		AC	2000	12000
26		Subtotal		20000
27				
28		Dept. Total	(2)	60000
29				
30	Osaka Sales Dept.			
31		Product	Qty.	Amt. ($)
32				
33				
34				
35				
36				
37				
38				
39				
40				

1012

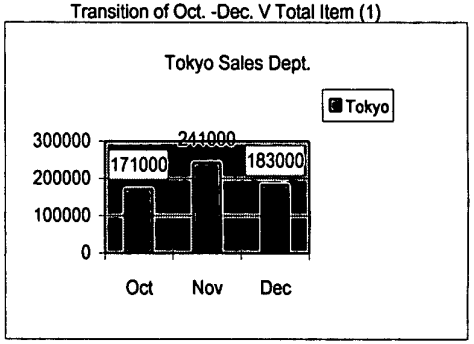
	Sales (Nov 2000)			
	Tokyo Sales Dept.			
		Product	Qty.	Amt. ($)
	Sec. 1	AA	1000	10000
		AB	2000	25000
		AC	1500	30000
		AD	1000	30000
		Subtotal		95000
	Sec. 2	AA	500	12000
		AB	800	24000
		AC	800	20000
		Subtotal		56000
	Sec. 3	AA	1100	30000
		AB	600	20000
		AC	2000	40000
		Subtotal		90000
		Dept. Total	(2)	241000
	Yokohama Sales Dept.			
		Product	Qty.	Amt. ($)
	Sec. 1	AA	1000	8000
		AB	1100	32000
		AC	1000	8000
		Subtotal		48000
	Sec. 2	AA	1000	8000
		AC	2000	12000
		Subtotal		20000
		Dept. Total	(2)	66000
	Osaka Sales Dept.			
		Product	Qty.	Amt. ($)

1014

	Sales (Dec 2000)			
	Tokyo Sales Dept.			
		Product	Qty.	Amt. ($)
	Sec. 1	AA	1200	14000
		AB	2200	24000
		AD	2000	40000
		Subtotal		78000
	Sec. 2	AA	500	12000
		AB	800	24000
		AC	1000	10000
		AD	500	4000
		Subtotal		50000
	Sec. 3	AA	1000	33000
		AC	1000	22000
		Subtotal		55000
		Dept. Total	(1)	183000
	Yokohama Sales Dept.			
		Product	Qty.	Amt. ($)
	Sec. 1	AA	1400	10000
		AB	2000	40000
		Subtotal		50000
	Sec. 2	AA	1200	10000
		AC	1500	8000
		AD	1000	12000
		Subtotal		30000
		Dept. Total	(2)	80000
	Osaka Sales Dept.			
		Product	Qty.	Amt. ($)

1001G

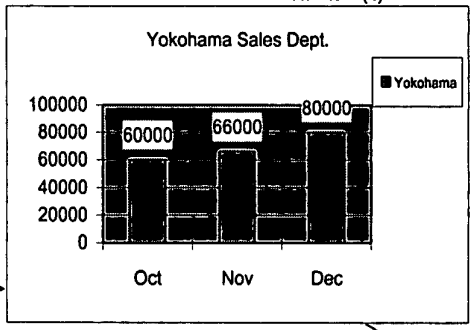
Transition of Oct. -Dec. V Total Item (1)



1001

Click here!

Transition of Oct. -Dec. V Total Item (2)



1002

Click here!

1002G

FIG. 10